

REMARKS

Applicant has canceled claims 1-30 and 32 and replaced them with new claims 33-68.

The claims have been rewritten to provide infringement of the method claims without the step of providing first and second communication links. This step has been omitted as an active step from the claims and has been inserted into the preamble because it is likely that the entity performing the data transfer will not be the entity that provides the communication links.

The newly-added claims, as well as claim 31 and the vast majority of the claims previously submitted, are not anticipated by Raith, U.S. Patent 6,493,550. Claim 31 requires a transmitter arrangement to be arranged for notifying a mobile device of data awaiting transfer thereto from a network via a narrow bandwidth data transmission and for transferring the data to the mobile device via a wide bandwidth data transmission.

Claim 33 requires the mobile device to be notified of data awaiting transfer thereto from a network by transmitting a first signal from the network to the device via a first link that has a narrower bandwidth than a second link. The data are then required to be transferred from the network to the mobile device by transmitting a second signal from the network to the device via the second wide bandwidth link.

Claim 48 requires a message to be transferred to a device from a first network via a first link having a relatively narrow bandwidth, wherein the message indicates that data are desired to be transferred to the device. The data are then required to be transferred to the device from the second network via the second wide bandwidth link.

Claim 52 requires data to be entered into a mobile device and a network to be notified of data awaiting transfer to it from the mobile device by transmitting a first signal from the mobile device to the network via a first narrow bandwidth link, then the transfer of data from the mobile

device to the network by transmitting a second signal from the device to the network via a second wide bandwidth link.

Claim 53 is directed to a data transfer system comprising a network, a mobile device and first and second transmitters. The network is adapted to contain data and the mobile device is adapted to receive signals from both the transmitters. The first transmitter is adapted to transmit a first narrow bandwidth signal to the mobile device via a first narrow bandwidth link when data on the network are available to be transferred to the mobile device. The second transmitter is adapted to transmit a second wideband signal including data to the mobile device via a second wide bandwidth link.

Claim 63 is generic and is directed to a method of transferring data between a mobile device arrangement and a network arrangement via first and second communication links between the device arrangement and network arrangement. The first and second links respectively have narrow and wide bandwidths. The method comprises sending a first narrow bandwidth signal from a first of the arrangements to the second of the arrangements via the first link. The first signal indicates the first arrangement is ready to transmit data to the second arrangement. Then a second wide bandwidth signal is sent from the first arrangement to the second arrangement via the second link. The second link is required to include the data.

The Office Action incorrectly states that in Raith notification is transmitted via the narrow bandwidth link. In fact, column 5, lines 56-64 Raith says private system 310 transmits the notification that voicemail or email is to be transmitted. Column 6, lines 48-67 gives one example of the private system as the BLUE TOOTH technology. It is well known that the bandwidth of the BLUE TOOTH is such as to provide transmission of data at a bit rate of 1 megabit per second. In the Raith system, the data are transmitted between cell phone 350 and the public cellular system

300. It is also well known that the bandwidth of public cellular systems is anywhere in the range between approximately 9 kilobits per second and approximately 200 kilobits per second. In other words, in the Raith system, the notification is transmitted via a wide bandwidth link and the data are transmitted via a narrow bandwidth link. This is exactly the opposite of applicant's claimed arrangement. Consequently, Raith does not disclose and fails to appreciate the fact that notification is desirably transmitted via a narrow bandwidth link and data are then desirably transmitted via a wide bandwidth link.

Based on the foregoing, each of the previously discussed independent claims is not anticipated by Raith.

Many of the dependent claims add features not disclosed or made obvious by the art of record. For example, claims 34-37 require the data to be transferred from the network to the mobile device based on a schedule. Claim 35 indicates the scheduling is executed in response to a user input at the mobile device. Claim 36 requires the scheduling to be executed by software on the mobile device. Claim 37 says the scheduling is executed by software present on a base station of the network and further requires transmitting data corresponding to the scheduling to the mobile device via the first, narrow bandwidth link. Claim 64, which depends on claim 63, requires sending scheduling of the data from the first arrangement of claim 63 to the second arrangement of claim 63. Claim 64 also requires the data to be transferred from the first arrangement to the second arrangement based on the schedule.

Independent claim 65 is directed to a mobile telecommunications device for use with a long range narrow bandwidth telecommunications link and a wide bandwidth telecommunications link. The device includes a control processor and a program memory carrying a program accessible by the control processor. The control processor, in use, is capable of operating the program so as to

enable the device to receive an incoming long range, narrow bandwidth telecommunications signal that indicates the presence of data being available elsewhere at a wide bandwidth telecommunication signal station and to inform a user of the device that there are data to be collected from a remove wide bandwidth station and further capable of scheduling the data to be transmitted. Hence, claim 65 incorporates the narrow and wide bandwidth concepts, in combination with the scheduling concept.

Since the secondary reference and the remaining art of record, fail to cure the noted deficiency in Raith, the remaining claims are patentable over the previously applied art and the art of record.

In view of the foregoing amendments and remarks, favorable reconsideration and allowance are respectfully requested and deemed in order.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

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Date: December 15, 2003
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